Other Ways to See It: Visualization Tools for Stakeholder Engagement

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Tools and Resources for Engaging Stakeholders





Web search: Digital Coast

www.csc.noaa.gov/digitalcoast



Coastal County Snapshots

Flood Exposure Snapshot

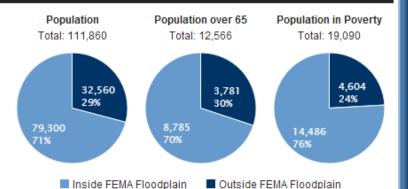
COASTAL COUNTY SNAPSHOTS www.csc.noaa.gov/snapshots/

Terrebonne Parish, Louisiana

People + Floodplains = Not Good High-Risk Populations + Floodplains = Even Worse

The more homes and people located in a floodplain, the greater the potential for harm from flooding. Impacts are likely to be even greater when additional risk factors (age, income, capabilities) are involved, since people at greatest flood risk may have difficulty evacuating or taking action to reduce potential damage.

Based on 2010 U.S. Census records and 2006-2010 American Community Survey 5-year Summary File data.

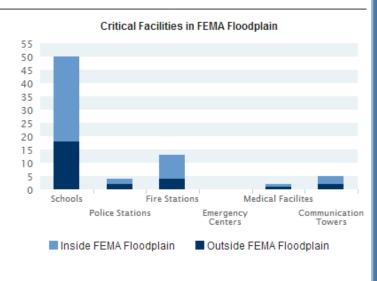


Community Infrastructure + Floodplains = Bad News

64% of critical facilities and 74% of road miles (780 miles) in Terrebonne Parish, Louisiana, are within the floodplain.

Hospitals. Roads. Schools. Shelters. These facilities play a central role in disaster response and recovery. Understanding which facilities are exposed, and the degree of that exposure, can help reduce or eliminate service interruptions and costly redevelopment. Incorporating this information into development planning helps communities get back on their feet faster.

Based on Critical Facilities from FEMA HAZUS.



Coastal County Snapshots

Talk About Dollars



Economics: National Ocean Watch

NATIONAL SUMMARY The United States Ocean and Great Lakes Economy









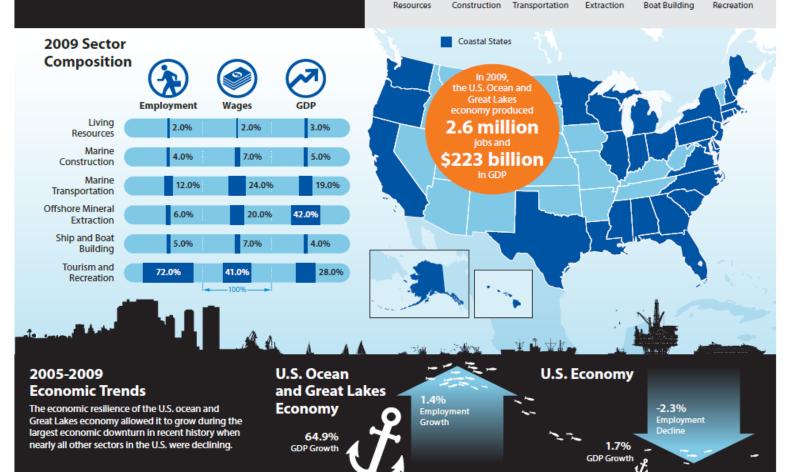








Recreation



Use Low-Tech to High-Tech Engagement





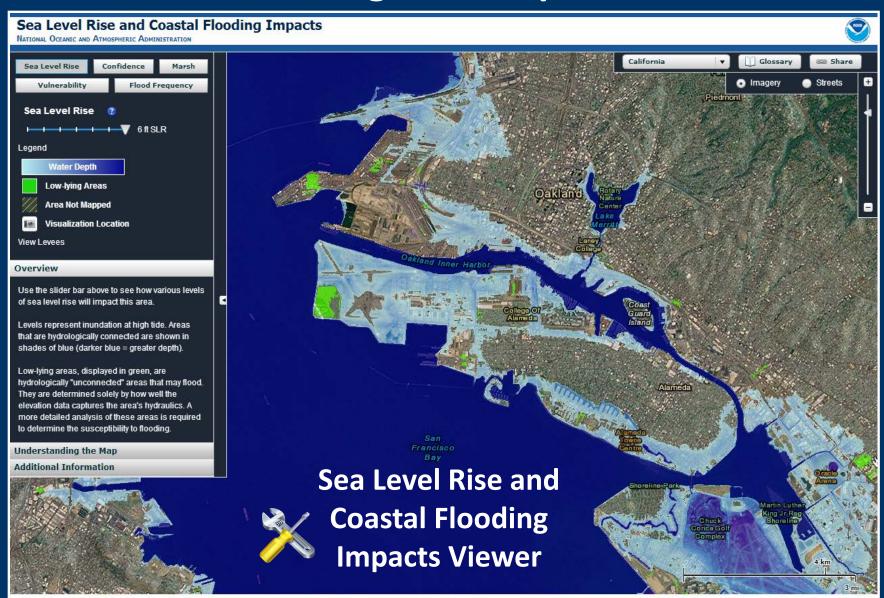
Roadmap for Adapting to Coastal Risk



Climate Adaptation for Coastal Communities



"Seeing" The Impacts



Using the Sea Level Rise Viewer for Participatory Meetings

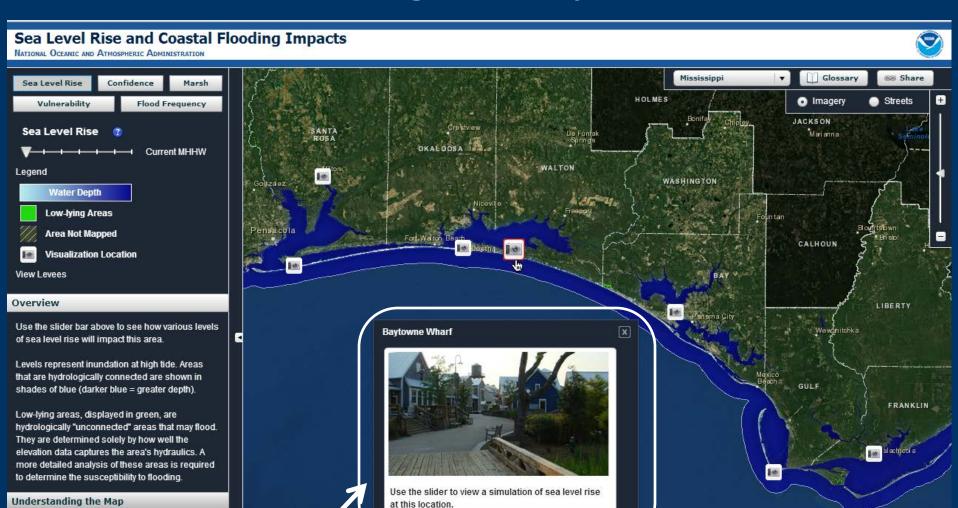


Example: Port of Long Beach Climate Adaptation and Coastal Resiliency Planning

- Exposure screening
- Common understanding of local risk
- Quickly view and discuss scenarios



"Seeing" the Impacts





Additional Information



"Seeing" the Impacts

Sea Level Rise and Coastal Flooding Impacts

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION





Use the slider bar above to see how various levels of sea level rise will impact this area.

Levels represent inundation at high tide. Areas that are hydrologically connected are shown in shades of blue (darker blue = greater depth).

Low-lying areas, displayed in green, are hydrologically "unconnected" areas that may flood. They are determined solely by how well the elevation data captures the area's hydraulics. A more detailed analysis of these areas is required to determine the susceptibility to flooding.

Understanding the Map

Additional Information







"Seeing" the Impacts of a Decision

CanVis





